

# OUTLOOK

The University of Maryland College Park

October 10, 1988

## Work to Develop Enhancement Plan Begins

On Sept. 28 Acting President William E. Kirwan presented a status report to the Committee on Educational Policy of the UM Board of Regents describing progress made to develop "The Enhancement Plan for the College Park Campus."

Senate Bill 459 calls for developing an enhancement plan for College Park that will provide the campus with the level of operating funding and facilities necessary to place it among the upper echelon of its peer institutions. Because of severe time constraints involved in completing a plan before the end of the year, work has already begun, Kirwan said, but he emphasized that the document the regents had received was a preliminary outline and that a broad cross-section of the campus would be involved in the overall process.

Ron Weisman, acting assistant to the president, wrote the preliminary outline, and he is overseeing the process of creating the five-year plan.

During the first phase, now underway, a core planning group will assemble key materials, define areas for inclusion in the plan, prepare materials for a larger planning group to consider and write a draft plan based on existing reports and studies. Next, a draft plan will be circulated to the campus community, colleges will submit plans, a steering committee will be set up, and subcommittees will review the draft plan. The Steering Committee will assemble the final plan.

The preliminary outline cites the following areas for attention in the plan: improving undergraduate education, supporting graduate education and research, expanding service, enhancing the environment including computing and library facilities, streamlining administrative support and procedures, improving aspects of student life, and creating a greater sense of community. A summary of resources requirements needed to accomplish the enhancement initiatives will be included in the final proposal. ■

—Roz Hiebert

**Don't forget!**  
Next Campus Senate Meeting  
Thursday Oct. 13, 3:30 p.m.

## Football, Reunions and Outstanding Alumni Highlight Homecoming Weekend

Homecoming 1988 at College Park promises to be a weekend of renewing old friendships, expressing school spirit and honoring former classmates.

Two UMCP alumni will be given special awards this weekend. Senator Thomas V. Mike Miller, Jr., Class of '64 and President of the Maryland Senate, will be given the Distinguished Alumni Award at the Homecoming Luncheon on Saturday, October 15.

"It is a true privilege to be recognized by one's Alma Mater," Miller says.

In addition, Leonard "Len" Elmore, Class of '78, will receive the College Park Outstanding Alumnus Award for Professional Achievement at the Black Scholars Fund Banquet on Friday, October 14, where he also will be the featured speaker. Elmore is a former Maryland and NBA basketball star and currently is an assistant district attorney in New York City.

Returning alumni will have plenty of opportunities to join with former classmates. On Friday, the Maryland Emeriti Club, any graduate of the Class of '38 and earlier, will meet for



Mike Miller

a luncheon at the Greenbelt Marriott, this year's Homecoming headquarters. That evening, the Class of '38 will hold a special fiftieth reunion and then be joined by other alumni for a

25th-45th Reunion Dinner.

On Saturday morning, former members of the Marching Band will dust off their instruments and rehearse for a pre-game show. At 10 a.m., many of the colleges, schools and departments will hold "open houses" so that deans, faculty, staff and students may welcome returning alumni to their familiar haunts.

This year, the Office of Alumni Programs expects well over 500 alumni to return, says Patty Jantho, associate director.

Of course, a big part of Homecoming Weekend is to revive the stirrings of school pride. On Friday at 4:30 p.m., alumni are encouraged to watch the "UMCP is Out of this World" parade from the steps of the Main Administration Bldg. Elmore is the parade's Grand Marshall.

The highlight of the weekend will be the "big game"—Maryland vs. Wake Forest in football. Kick-off is at 1:30 p.m. at Byrd Stadium.

A listing of some of the weekend's events can be found in the calendar on page 4. ■

## Proposed Capital Budget Would Help Ease Problems

A proposal to quadruple the funds available to UMCP for new construction in FY 1990 comes in the nick of time, says Charles Sturtz, UMCP Vice President for Administrative Affairs.

The Board of Regents recently approved a proposed Capital Improvements Budget that calls for \$100 million in spending for new buildings system-wide in FY 1990. If approved by the State Legislature, the amount would more than double the funds historically made available for construction at State institutions.

For UMCP, the proposal would mean \$40 million in capital funds in FY 1990 compared with sums in the \$10 million range in recent years. And every penny is desperately needed, according to Sturtz.

In addition, the regents approved a five-year capital improvements plan asking for \$100 million in capital funds each year through FY 1994. UMCP would receive an average \$36 million annually under the plan.

The infusion of funds would ease a the space shortage at UMCP, and, in-

directly, enhance a building rehabilitation program, Sturtz says.

Campus officials estimate UMCP is currently about one million square feet short of space, as determined by state planning guidelines.

This means the campus needs eight more buildings the size of the new A.V. Williams Building to provide adequate space for such necessities as classrooms, laboratories and offices, according to official estimates.

Comparisons with peer institutions have shown UMCP with less space available for programs than nearly every other comparable campus.

The lack of space could soon interfere with UMCP's facilities renewal plan, Sturtz says. This plan is intended to provide about \$12 million per year to rehabilitate existing buildings and infrastructure on a continuing basis.

Thus far, the program has concentrated on mechanical systems, exteriors and utilities rather than indoor renewal of such buildings as Morrill,

Symons, Skinner, Francis Scott Key, Physics and Woods. The reason is that there are no temporary locations for occupants and programs that would be temporarily displaced by rehabilitation, Sturtz says.

A dramatic budget increase would help solve this dilemma in two ways.

First, progress would be made on major projects such as a proposed new building for the College of Business and Management and the School of Public Affairs. Once such a building had been constructed and faculty and staff moved from their current offices, planners would have more flexibility in scheduling the renewal work and repair needs.

Second, funds could be set aside for a generic "surge" building that would serve strictly as a temporary space for displaced departments.

The capital budget request still must be reviewed by the Maryland Higher Education Commission, state planners and the governor's office before it is submitted to the legislature. ■

—Brian Busek

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## Havron Scholarship Fund Established

Mrs. Ida Havron has established a scholarship fund in honor of her late husband, Dr. Milton Dean Havron, a 1950 Ph.D. alumnus of the Department of Psychology. Havron was the founder, president and chairman of the board of directors of Human Sciences Research Inc. of McLean, Virginia until his retirement in 1982. He was noted for his application of scientific analytic methods to major social issues, including energy conservation and limited nonviolent uses of military force. Havron's social sciences firm employed many UM graduates throughout his tenure. The scholarship, which bears his name, will be awarded annually to a doctoral student in psychology or sociology to provide financial assistance during the dissertation stage of the degree program.

## Conference Examines Biotechnology and Food Quality

The "Bioprocessing of Meats," the "Molecular Components of Food," and "Food Quality Education" are a few of the topics to be discussed at the 1988 International Symposium on Biotechnology and Food Quality on October 17-19. The conference—sponsored by the Center for Agricultural Biotechnology, Maryland Biotechnology Institute, the United States Department of Agriculture, and DuPont—will be held at the Center of Adult Education. For more information, call Helen Phillips at x6056.

## RESEARCH HIGHLIGHTS

# Motta—Uncapping the Mysteries of Mushrooms

**T**o hear Jerome J. Motta talk about mushrooms, you come to realize that he is on some great dark secret. "It's a whole world people are unaware of," he says with excitement.

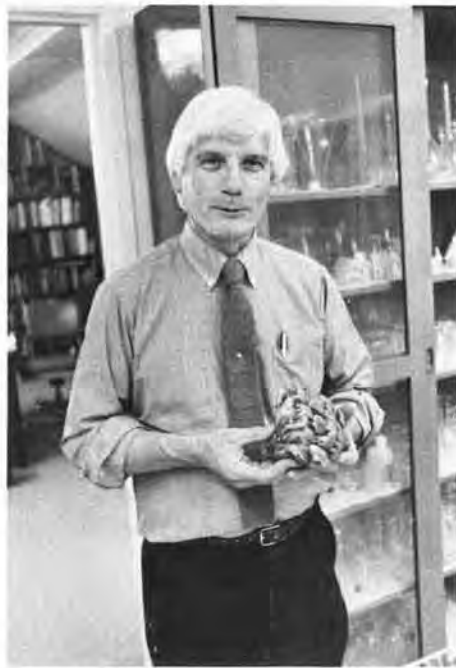
Actually, the world he speaks of and researches is hidden away, most of the time, in the dark. The mushrooms we see in the morning after a cool damp night, are only the reproductive component of the fungi that thrives below the soil or within a log or tree.

Motta compares the mushrooms we see, the short-living fruiting part, to a single human life in the course of generations of humans. We live, we reproduce, we die, and the species continues. "The fruiting part is finite," he says of the mushroom caps, "but the plant itself continues."

Motta is a mycologist — he studies and teaches fungi for a living. His specialty, of the 100,000 or so species of fungi, is the honey mushroom, *Armillaria Mellea*, which he gathers into large brown shopping bags from his hunting ground in Greenbelt Park. "This species is so prolific, we can gather 50 or 60 pounds in a few minutes," he says.

What separates mushrooms from other plants is that they have no chlorophyll. Motta says they must take their energy from things other than sunlight. By living within the earth or beneath the bark of a tree, they take from their hosts the nutrients needed for survival and proliferation. "If it weren't for fungi, we'd be knee-deep in leaves," Motta says.

The main part of the mushroom, called the mycelium, lives in the dark. It is a mass of threads, looking something like fine roots, and a colony can occupy 100 square yards. It



Jerome J. Motta

can live 100 years or so, though it may live several years without producing the fruiting part. Most mushrooms feed on dead matter, but some will consume living tissue, thus becoming pathogenic.

"When conditions are right, a warm summer followed by cool

nights and warm days and lots of rain, the mushrooms will emerge," Motta says. Because of this, many mushrooms appear throughout fall, though the honey mushroom proliferates best in late August and September.

Mushrooms produce neither seeds nor flowers. They proliferate, in most species, by wind-borne spores. A single mushroom can produce a billion or so spores. They are produced in the gills below the caps, then "drop off and are carried away by the wind. They produce a filament when two compatible spores come together." And from this thin thread, a colony is born.

Though mushrooms are often nonlethal to their hosts, in certain conditions, they can be very destructive. "There is some concern about oak trees that have been attacked by gypsy moths," Motta says. "The moths weaken the tree, and the mushrooms move in beneath the bark, consuming it. It looks like the bark has been stripped off."

In Motta's research, he is trying to determine why some colonies of honey mushrooms become aggressive while others are benign. "Worldwide, there seems to be a difference in

forms," he says. "We are trying to determine why these differences occur. We're looking at differences in growth patterns and pathology."

Motta says mushrooms may provide answers to some aspects of evolutionary processes. Mushrooms can be so different, he says, that one species may be edible in one area and poisonous in another.

One area Motta is particularly concerned with is possible dangers from the cultivation of foreign species of mushrooms in the United States. One species, the shiitake, has become trendy on some salad bars but it could be a problem if it proliferated in the wild with no natural enemies. "In nature, each species serves an important function in the balance," Motta says. "We've changed things to suit our fancies with serious consequences. Before we start growing a mushroom that is not indigenous to an area, we need to first look at what's waiting down the line," he says.

In the meantime, Motta will continue to study the dark side and sample its fruits. "I chop up the caps (of the honey mushroom), freeze them in ice trays, and use them in gravies," he says. ■

—Fariss Samarrai

## SRC Systems Colloquium Series Set

This fall, the Systems Research Center is sponsoring a Systems Colloquium Series featuring nationally and internationally recognized authorities in fields related to the center's research activities.

Speakers will deliver a videotaped lecture and take part in roundtable discussions with selected faculty and students, individual and group meetings and an open reception.

On Oct. 13 Robert G. Gallager, Fujitsu Professor of Electrical Engineer-

ing and Computer Science at MIT will discuss "Broadband Communication: Coding, Multi-access and Spread Spectrum."

On Nov. 3, Michael A. Arbib, professor of computer sciences and neurobiology and biomedical engineering, electrical engineering, physiology and psychology at USC, will discuss "Neurons and Schemas: A Language for Visuomotor Coordination."

Gallager and Arbib will speak at 4

p.m. in Rm. 1100 of the campus ITV Building. Their presentations will be carried over ITV Channel 8.

On Dec. 2, Robert Broderon, professor of electrical engineering at UC Berkeley, will discuss "Algorithms, Architectures and VLSI Design" at 10 a.m. in Rm. 1100 of the ITV Building.

Attendees are invited to a reception in Rm. 1152 of the A.V. Williams Building, immediately following each lecture. For more information, call Kate Warzinski at 454-6167. ■

## OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to The University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



## UMCP Mechanical Engineering Students Collect Prizes in Car Competitions

Vehicles built by an undergraduate team of mechanical engineering students from UMCP took both first and second place and \$8,000 in prize money in the National Vehicle Design Competition sponsored by the Aluminum Association last spring.

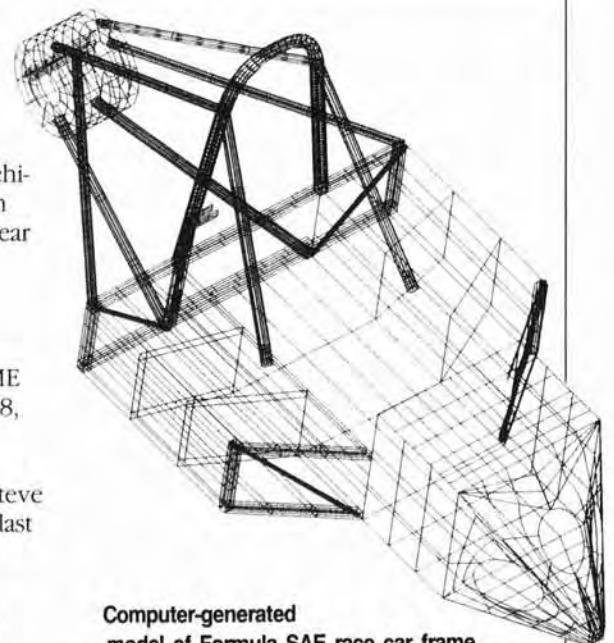
The UMCP Formula SAE race car built last year also won \$2,500 from the U.S. Department of Energy for the best conversion to methanol fuel and \$1,000 from Allied Signal for the best use of electronics in automobiles.

Two of the cars were entered in the annual Society of Automotive Engineers competition held at the Lawrence Institute of Technology in

Southfield, Michigan. The other vehicle, a mini-Baja car, was entered in the annual competition held last year at the Ecole Polytechnique in Montreal.

The team's faculty advisor is mechanical engineering professor David Holloway who teaches ENME 402, vehicle design, and ENME 488, special topics in mechanical engineering.

Tom Drach, Greg Weisenfeld, Steve Hall, all of whom who graduated last year, and returning students Greg Thomas (Aerospace) and David Reichenthal were members of the Maryland design team. ■



Computer-generated model of Formula SAE race car frame.



## Campus Senate Elects Executive Committee

The UMCP Campus Senate elected its Executive Committee for the current academic year and its Chair for 1989-90 during a meeting Sept. 19. Donald Piper, professor and director of graduate studies in the Dept. of Govt. and Politics, was chosen as Chair-elect—he will assume office as Chair in Sept. 1989. The Senate selected 11 persons to serve as members of the Executive Committee. They are: faculty members Roger Allen (Health Ed.), Maurine Beasley (Journ.), Marvin Breslow (Hist.), Peter Brown (Pub. Affairs), Gerald Miller (Chem. and Biochem.), Alan Pasch (Phil.) and Paul Smith (Math.); associate staff members John Menard (Comp., Math. and Phys. Sci.) and

Carol Prier (Engr.); students Brian Brooks (undergrad.) and Toby Linden (grad.); and ex-officio, Marie Davidson (Pres. Office) and David Falk (Acad. Affairs). In other actions, the Senate passed resolutions asking for extension of faculty and staff tuition remission benefits to family members of faculty and staff and urging autonomy for UMCP in setting salary scales and merit pay for classified staff. At the next senate meeting, 3:30 p.m. Oct. 13, Dean Kathryn Morhman will speak on undergraduate education and implementing the Pease Report.

# Honors Program Awaits Campus Discussion

Last fall, the ad hoc Committee on Undergraduate Honors Programs, headed by Dept. of Mathematics Chair Nelson Markley, was charged by the then Acting Dean for Undergraduate Studies Gerald Miller with looking at ways for improving, increasing, and reinvigorating honors programs on the UMCP campus.

The committee's draft report, issued in August 1988, is now being shared with the campus. Campus groups including student organizations, the Executive Council and Committee Chairs of the General Honors Program, the Advisory Committee on General Honors, directors of departmental honors programs, and the Dean's Council, have received the document.

Each has been encouraged to submit written responses to the report, and a series of open meetings will be held to discuss its recommendations.

Following a review of the campus response, the Committee will submit a final report later this fall. This report is expected to come before the Campus Senate next spring.

The committee said it hoped its report "will be an effective blueprint from which students, faculty, and administrators will work together to reshape and improve honors study for our most talented undergraduates."

The report proposed several fundamental recommendations intended to revise General Honors so that it takes a clearly defined place within an overall campus program for which it will serve as a central coordination point. It also drew up a model of what honors could look like if those recommendations were adopted.

The following are the fundamental recommendations.

The Campus Honors Program would:

- include all students pursuing a degree with honors in any department, program, or college.
- bring honors students together through seminars, an honors dorm, an honors lounge or social events.
- award honors citations to graduating honors students at different levels of disciplinary or inter-

disciplinary achievement.

— be highly visible both on and off campus as a tool in the recruitment of outstanding students.

The Program should be administered by a director who is a respected scholar and UMCP faculty member.

A broadly representative Honors Council of both faculty and students should assist the Director in guiding the Program.

The Program should be reorganized as a two-year program for freshmen and sophomores. Formal enrollment in departmental and college honors programs should be limited to juniors and seniors.

The campus should establish basic standards for admission to and administration of departmental and college honors programs and requirements for a degree with departmental and college honors.

A campus-wide effort to invigorate honors at UMCP should include:

- more active and systematic recruitment of outstanding students.

— increased offerings of H-versions of standard 100 and 200 level courses.

— rewarding departments and colleges for staffing and developing honors courses and seminars.

— revitalization of existing and initiation of new departmental and college honors programs for juniors and seniors.

— expanding the cadre of outstanding faculty members who regularly teach honors courses and seminars, including increased use of Distinguished Scholar-Teachers.

"We have aimed at presenting to the campus a framework in which there is room for the evolution and growth of an honors program in which we can all take pride," the Committee reports states. "To ensure that such a program can become a reality, two things are paramount: campus commitment to a first-class honors program, and the spirit of cooperation and compromise needed to build it." ■

—Tom Otwell

## Researcher Discovers New Variant in Poultry Disease Virus

A UMCP microbiologist has recently discovered a new type of Infectious Bursal Disease (IBD) Virus variant that is becoming increasingly prevalent throughout the U.S. poultry industry.

David B. Snyder is associate professor of veterinary medicine at the UMCP campus of the Virginia-Maryland College of Veterinary Medicine and holds a joint appointment with the Center for Agricultural Biotechnology. He is also a member of the Agricultural Experiment Station.

Snyder's research focus has been in the area of diagnostic technology. Through the use of monoclonal antibody biotechnology, he and his research colleagues at the Grayson Laboratory developed a new technique to rapidly identify and differentiate IBD viruses in chickens directly from diseased tissue.

The research was sponsored in part by Intervet America, Inc., the U.S. branch of AKZO, a Netherlands-based

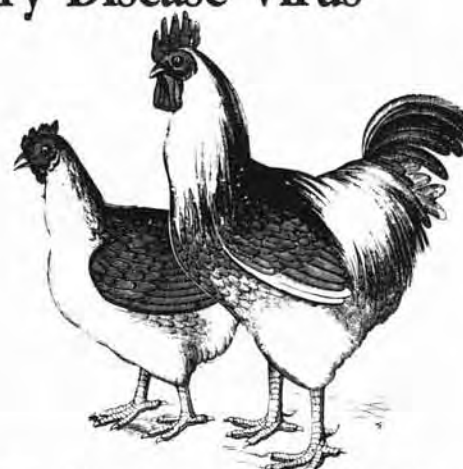
pharmaceutical firm. Vaccine research is now underway and the University has assigned the rights of production to Intervet as a result of the close collaboration between Snyder and the Millsboro, Del. based-firm's research department.

Snyder says the vaccine is expected to be released early this fall.

The new technology allowed Snyder and his research group to map, en masse, the population of IBD viruses occurring in this country. In doing so they were able to learn a great deal about the field evolution of antigenic variants of IBD and discover the emergence of a major new variant strain of the disease.

"IBD is an immuno-suppressive disease occurring in chickens that exacerbates their susceptibility to other diseases," Snyder says. It affects the bursa, an organ found only in fowl that produces antibodies that assist in fighting off other diseases.

A healthy bursa is about the size of



a marble; one attacked by IBD virus is the size of a pea. IBD affects all chickens and is particularly significant to the broiler industry but has an economic impact on the egg industry as well.

The new variant is currently the predominant type of IBD virus occurring in flocks on the Delmarva Peninsula and will quickly become an important new factor for consideration

in many other poultry processing areas throughout the country, the UMCP researcher says. The broiler industry on the Eastern Shore is a \$1 billion-a-year business. It is the fourth largest and most dense broiler growing area in the nation.

"It took us three years to develop the technology and only a week to find the new virus," Snyder says. "We are taking high technology to the industry. It is a good application that was absolutely unheard of before. We took a microscope to look at a problem that was being examined by a telescope before."

Snyder has been on the UMCP faculty since earning his Ph.D. degree in viral immunology at College Park five years ago.

He will deliver a paper on his research findings at the 23rd national meeting on Poultry Health and Condemns in Ocean City October 20. The meeting is sponsored by Delmarva Poultry Industry, Inc. in cooperation with the Universities of Delaware and Maryland. ■

—Tom Otwell

## Five-year Plan Lists Building Priorities for UMCP

If the University of Maryland System receives \$500 million in State capital improvement funds over the next five years as recently proposed by the Board of Regents, a building boom would occur at UMCP.

The campus would receive nearly \$200 million for construction. A five-year plan for capital improvements approved by the regents shows how the funds might be spent.

Under the plan, in FY 1990 construction funds would be made

available for:

- \* Completion of a veterinary science research center and an addition to McKeldin Library;
  - \* Continued work on an animal science/agriculture engineering building;
  - \* New construction on a College of Business and Management/School of Public Affairs building, an addition to the A.V. Williams Building and educational facility in Shady Grove.
- Also in FY 1990, funds would go

for planning work on an addition to the computer and space sciences building and a new multimedia instructional center. In future years, funds would be earmarked for construction of these buildings.

Other projects scheduled for planning and eventual construction funds under the five-year plan include a plant sciences building and performing arts instructional center.

Priorities outlined in the five-year plan are subject to change, says

Priorities outlined in the five-year plan are subject to change, says Charles Sturtz, UMCP vice president of administrative affairs. The board is planning to continue reviewing the construction plans as the needs of the new system come into greater focus, and as they complete the planning activity mandated by recent state legislation, he says. ■



# Calendar

October 11 - 19

11 TUE

**International Security Studies Lecture:** "Regional and Global Implications of Israeli Nuclearization," Helena Cobban, Brookings Institution, 12-1:30 p.m. Student Lounge, Morrill Hall. Call x5961 for info.

**General Relativity Seminar:** "Quantum Cosmology," Alexander Vilenkin, Tufts U., 12:30 p.m., 4102 Physics Bldg. Call x3501 for info.



Evelyn Torton Beck

**Feminism Lecture:** "From 'Kike' to 'Jap': How Sexism, Racism, and Anti-Semitism Construct the Jewish American Princess," Evelyn Torton Beck, 8 p.m., 2309 Art/Sociology Bldg. Call x3841 for info.

12 WED

**Employee Development Seminar** on Telephone Management presented by the State of Maryland, Clerical Training Institute, 9 a.m.-4 p.m., 0109 Center of Adult Education, \$40, registration deadline: Oct. 5. Call x4811 for info.

**CHPS Colloquium:** "Casual Independence: A Probabilistic Analysis," Igal Kvat, Hebrew U. of Jerusalem, 3:30 p.m., 1105 Skinner. Call x2850 for info.

**Physics Seminar:** "Radiative Polarization and Spin-Orbit Coupling Resonances in Electron Storage Rings," Andris Skuja, 4 p.m., 4220 Physics Bldg. Call x3501 for info.



Bruce Duffy

**Writers Here and Now:** Novelists Elizabeth Benedict and Bruce Duffy will read from their works, 8 p.m., Katherine Anne Porter Room, McKeldin Library. Call x2511 for info.

**Astronomy Colloquium:** "The Stability of Galaxies," Peter Vandervoort, U. of Chicago, 4 p.m., 1113 Computer Science Bldg. Call x3501 for info.

**Women's Studies Research and Support Group Meeting:** "Dissertation Survival Strategies, 4:30 p.m.-6:30 p.m., Conference Room, Mill Bldg. Call x3841 for info.

13 THU

**Condensed Matter Seminar:** "Thermodynamics of Oxygen Ordering in High Temperature Superconductors," Luc Wille, Florida Atlantic U., 3 p.m., 0405 Physics Bldg. Call x3501 for info.

**Philosophy and Public Policy Lecture:** "A New Paradigm for the 1990's," Amitai Etzioni, George Washington U. and Harvard Business School, 3:30 p.m., 2166 LeFrak. Call x2998 for info.

**Meteorology Seminar:** "Some New Ideas on Large-Scale Tropical Dynamics," Peter Webster, Penn. State, 3:30 p.m., 2114 Computer & Space Sciences Bldg. Call x2708 for info.

**Linguistics Colloquium:** "Referential Markers and Topic Positions in Chinese," Qiming Chen, 3:30 p.m., Seminar Room, Mill Bldg. Call x7770 for info.

**SRC Colloquium:** "Broadband Communication: Coding, Multiplexing, and Spread Spectrum,"

Robert G. Gallager, M.I.T., 4-5 p.m., 1100 ITV Bldg. Call x5967 for info.

**Graduate Fellowship String Quartet:** performance of Mozart's String Quartet, K589, 4 p.m., 1204 Physics Bldg. Call x6874 for info.

14 FRI

**Zoology Seminar:** "Anesthesia and Axonal Coding," Steve Raymond, Brigham and Women's Hospital, Boston, 11 a.m., 1208 Zoology/Psychology Bldg. Call x3202 for info.

**Geography Brown-Bag Seminar:** "Landscape Planning Objectives for Developing the Arid Regions of the Middle East," Safai El-Deen Hamed, noon, 1179 LeFrak. Call x2241 for info.

**Astronomy Seminar:** "Congressional Forces That Shape the Astronomical Budgets," Peter Boyce, American Astronomical Society, 12:30 p.m., 0254 Computer & Space Sciences Bldg. Call x5969 for info.

**Mental Health Lunch 'N Learn Conference:** "Treatment Strategies for Dealing With Sexually Abused Students," Christine Courtois, psychologist, 1 p.m., 3100 University Health Center. Call x4925 for info.

**Philosophy and Public Policy Lecture:** "The Moral Dimension," Amitai Etzioni, George Washington U. and Harvard Business School, 2 p.m., 1179 LeFrak. Call x2998 for info.

**Homecoming Events:** Parade, 4:30 p.m., Student-Alumni Picnic, 5:30 p.m., Black Scholars Fund Banquet, 6:30 p.m., Bonfire and Pep Rally, 8:15 p.m. Call x2938 for info.

15 SAT

**Terps Football vs. Wake Forest,** 1:30 p.m., Byrd Stadium. Call x2123 for info.

**University Community Concert:** "Malcolm Bilson and Friends," performing works of Beethoven and Schubert, 8 p.m., Center of Adult Education, \$15 and \$13.50. Call x6534 for info.

16 SUN

**National Collegiate Alcohol Awareness Week,** through Oct. 22.

17 MON

**President's Commission on Women's Affairs Meeting,** noon, 2105 Main Administration Bldg. Call x6668 for info.

**Women's Issues in Mental Health Lecture:** "Choosing to Heal: Issues for Victims of Violent Crime," Elizabeth Blocker, LCSW, noon, 1143 Stamp Union. Call x4925 for info.

**Mathematics Colloquium:** "Two Elementary Topological Theorems," Joseph Auslander, 3 p.m., 3206 Mathematics Bldg. Call x2841 for info.

**Horticulture Graduate Seminar:** "Effect of Aging on Mitochondrial Proteins in Germinating Soybean Embryonic Axes," Keith Furman, 4 p.m., 0128b Holzapfel Hall. Call x3606 for info.

**Science and Technology in Society Lecture:** "No Innovation without Representation: Public Control of Science and Technology," Steven L. Goldman, Lehigh University, 3-5 p.m., 2203 Art/Sociology Bldg. Call x8862 for info.

18 TUE

**Zoology Seminar:** "Evolution of Coloniality Via Extra-Pair Copulation in Purple Martin," Gene Morton, noon, 1208 Zoology-Psychology Bldg. Call x3202 for info.

**Faculty Music Recital:** vocalist Dominic Cossa, accompanied by Robert McCoy, and pianist Thomas Schumacher will perform works by Donizetti, Verdi, Chopin and Beethoven, 12:30 p.m., Tawes Recital Hall. Call x6669 for info.

**Physics and Astronomy Colloquium:** "The Berkeley-Illinois-Maryland Array Telescope," Leo Blitz, 4 p.m., 1410 Physics Bldg. Call x3501 for info.

**CIDCM Lecture:** "The Sadat Years: Reflections of a First Lady," Jehan Sadat, 4:15 p.m., 2205 LeFrak Hall. Call x7615 for info.



**UM Symphonic Wind Ensemble Concert:** performing works of Strauss, Poulenc and Gounod. 8 p.m., Center of Adult Education. Call x6803 for info.

**University Theatre Performance:** "An Older Sister, Burning Like A Flame . . .," 8 p.m., Oct. 18-22 & 25-29, 2 p.m., Oct. 23 & 30, Tawes Theatre, \$7 and \$5.50. Call x2201 for info.

19 WED

**Employee Development Seminar:** "Overview of Administrative Computing, Communications, and Transportation," 9 a.m.-noon, 0109 Center of Adult Education, Registration Deadline: Oct. 12. Call x4811 for info.

**Counseling Center Brown Bag Lecture:** "Variables in the Formula for Predicting Retention," Roger McIntire, noon, 0106 Shoemaker Bldg. Call x2932 for info.

**Public Health Lecture:** "AIDS in the Year 2000," John Platt, Futurist, Cambridge, Massachusetts, 4 p.m., 1208 Zoology/Psychology Bldg. Call x3202 for info.

**Astronomy Colloquium:** "Helioseismic Probes of the Solar Magnetic Fields," Ellen Zweibel, U. of Chicago, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x5969 for info.

**Architecture Lecture:** Luis Trelles, Trelles Architects, Miami, 7:30 p.m., Architecture Auditorium. Call x3427 for info.

\* Admission charged for this event. All others are free.

## COMING ATTRACTIONS

### First Concert Scheduled in Newly Renovated Hall

On Tuesday, October 18 at 12:30 p.m. a faculty recital will take place in the newly renovated Tawes Recital Hall. Featured in this first concert since the work was completed will be new faculty vocalist Dominic Cossa, accompanied by Robert McCoy and Thomas Schumacher. The program includes music of Donizetti, Verdi, Chopin and Beethoven. Admission is free and no tickets are needed. For info call x6669.

### Dialogue on Racism

The Peace with Justice Week Task Force is sponsoring a Dialogue on Racism by means of a panel presentation and audience participation on Thursday, Oct. 20 at 7 p.m. in Room 1250 Zoo-Psych. The discussion will consider the roots of racism, how it impacts on our lives, and what we can do to alleviate this growing problem in society. Call x2348 for info.



## UM Chorus to Perform at Carnegie Hall

Wagner fans in New York City will have an opportunity to hear the internationally acclaimed University of Maryland Chorus, Paul Traver, director, perform a concert version of Act III of *The Flying Dutchman* at 3 p.m. on Sunday Oct. 23 in historic Carnegie Hall. The concert is the first presentation of the American Symphony Orchestra's 1988-89 season. Conducted by Jose Serebrier, the program on the 23rd will also include the New York premiere of Rorem's "Frolic" and Holst's "The Planets." If you're going to be in New York, call (212) 581-1807 for ticket information.

## ARTS AT MARYLAND

### Beck: Speaking Out Against "JAP"

When Evelyn Beck hears a woman described as a "JAP" (Jewish American Princess), she responds with questions rather than laughter.

Beck, professor and director of the Women's Studies Program at UMCP, wants to know why a person would use such a stereotype and if the person understands what he or she is saying. If there is a justification for the term, Beck hasn't heard it.

To date, Beck has found "JAP" to be a phrase utterly without redeeming value. It is a racist, sexist, dangerous term in Beck's estimation. That the term has wide currency, particularly on college campuses and even in the Jewish community, appalls Beck.

For this reason Beck has begun a scholarly fight against the term "JAP." She has studied the origins and implications of the term and is speaking out against it.

Beck will present a lecture on the subject at 8 p.m. Tuesday, Oct. 11, in Rm. 2309 Art/Sociology Bldg. as part of this fall's polyseminar lecture series in women's studies.

"I think this term is extremely harmful to young Jewish women," Beck says. "The image of the 'JAP' is grotesque. She is greedy, unreliable and materialistic; she has no redeeming qualities."

The "JAP" image appears frequently in contemporary culture, Beck says.

At many East Coast universities women branded as "JAPs" are openly ridiculed. For instance, at Syracuse University certain areas of the campus have been branded "JAP"-free zones and women deemed "JAPs" are hooted at during events such as basketball games. Makers of greeting cards and t-shirts poke fun at "JAPs" with their products.

Such verbal violence begins to take on increasingly serious implications when one considers cases in which

the stereotype becomes a justification for violent acts, according to Beck. Shirley Frondorf's *Death of a Jewish American Princess: The True Story of a Victim on Trial* shows how the murder of a Jewish woman by her husband was exonerated when he portrayed his wife as a materialistic woman who shopped and spent, nagged shrilly and bothered her husband while he worked — in essence, presented as a 'JAP.'

Beck takes exception with persons who argue that the term is not anti-semitic because it is also used to describe non-Jewish women.

"It contains the qualities that historically have been ascribed to Jews — materialism, deviousness, unreliability," she says. "The Jewish woman is taking the rap for the materialism in American culture."

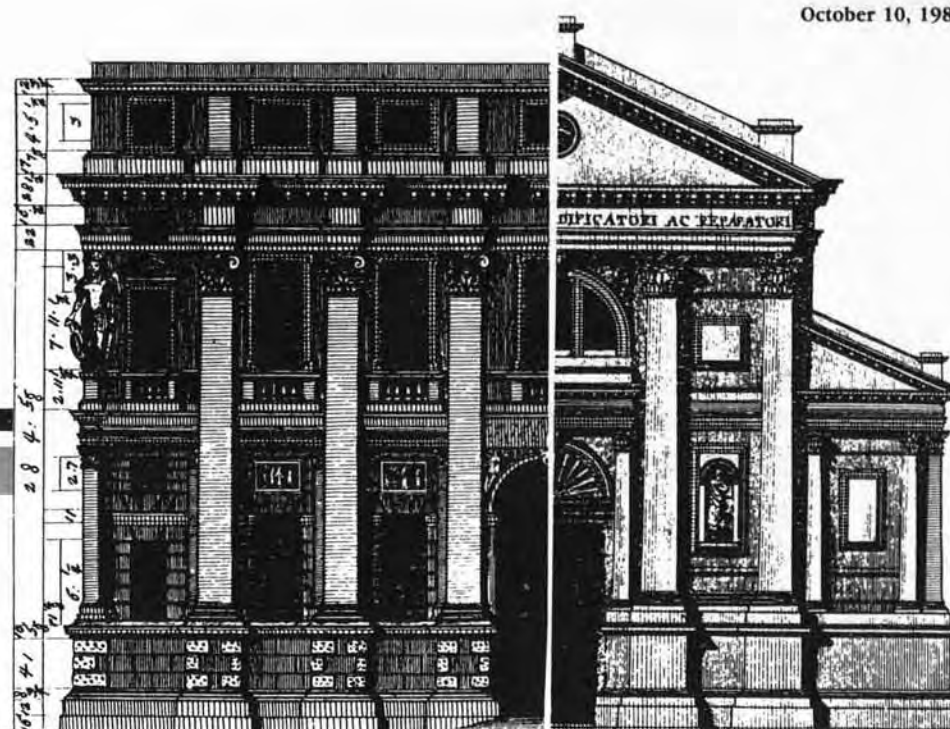
One unfortunate aspect of the term is that, in many ways, Jews have perpetuated it. Jewish writers such as Herman Wouk and Philip Roth introduced the "Jewish American Princess" into popular culture through their books, *Marjorie Morningstar* and *Goodbye, Columbus*, Beck says.

One reason that Jewish men might be willing to support the stereotype of the "JAP" is that it deflects anti-semitic feelings onto Jewish women, Beck says. The increasing economic independence of Jewish women as their numbers grow in the workforce might also be seen as a threat to Jewish men.

Beck believes that greater opposition to the stereotype in the Jewish community would help begin to shatter the image of the "JAP."

"If the Jewish community took it seriously enough, it would have an effect," Beck says. "People who say the 'J' has nothing to do with Jews are ignoring the reality." ■

—Brian Busek



Tom Schumacher, associate professor of architecture, explores the motivations of past architects by mixing elements from their different buildings as is the case with this example using Palladio's Palazzo Valmarana-Braga and San Giorgio Maggiore.

### Cut-and-Paste Is Effective Research Tool for Architect

While it looks no more sophisticated than a child's game, Tom Schumacher finds he can solve questions about architectural history by cutting up pictures of buildings and pasting them back together.

And the lessons of Schumacher's cutting and pasting are also suited for the classroom in teaching students principles for designing their own buildings.

The associate professor of architecture at UMCP calls his cut-and-paste technique "intervention." As a means of investigating the motivations of past architects, it helps explore the creative thinking of an historical figure, Schumacher says.

"I'm not going to the archives to find things; I'm going to the object," he says.

Much of Schumacher's work has been done on Palladio, the influential Renaissance architect. Schumacher has xeroxed hundreds of copies of drawings that he and architecture students have done of Palladio buildings.

Within this pile of raw material, Schumacher has examples of the design elements characteristic of Palladio's work — the various geometric designs and floor plans, the different types of columns and window patterns. When Schumacher investigates why Palladio made a particular design decision, he simply works with the same elements that Palladio worked with throughout his career.

Suppose, for instance, there is a question about Palladio's reason for using a particular type of column on a certain building.

Schumacher would solve the riddle this way:

He would clip from pictures of other buildings some examples of the different types of columns Palladio used. Then he would paste these alternative columns onto the building in question. Examining the question this way, it often becomes clear why Palladio made a particular design decision.

Schumacher is using the intervention technique as part of his research for a new book, *On Facades*, and also as a teaching technique.

The images created through the cutting and pasting process are effective in illustrating how architects create facades for their buildings, Schumacher says. In the past, he has incorporated interventions into slide shows and is now adapting the material for use in five videotapes on facades.

Schumacher has received grants totaling about \$27,000 for the creation of a series of videotapes on facades. He is producing the tapes himself.

In making the tapes, he photographs the images himself and does the narration on his home sound equipment. And, of course, he does all the cutting and pasting. ■

### European Exhibit, Lecture Series Highlight Fall in Housing and Design



James Thorpe

James Thorpe, assistant professor of housing and urban design, will exhibit 35 pieces of poster art at the American Cultural Center in Brussels Oct. 14-Nov. 15.

Thorpe, a graphic designer who has won international prizes for his innovative designs, will also give several presentations while in Europe. The exhibit is sponsored through the Comparative Literature Program's "Maryland in Europe/Europe in Maryland" initiative.

The Department of Housing and Design will also be a center of activity at College Park this fall through a lecture series.

Architectural historian Alan Gowans will open the series when he presents

a lecture 2 p.m. Mon., Oct. 24, in the Maryland Room of Marie Mount Hall.

Edward Pitts, a furniture manufacturer and psychologist, and Chris Murray, director of design for David Edwards Inc., will present a lecture at 1:30 p.m. Mon., Nov. 14, in the Maryland Room of Marie Mount Hall.

Barbara Charles, an exhibition designer, will present a lecture at 4 p.m. Wed., Dec. 7, in the Maryland Room of Marie Mount Hall.

For more information on the lecture series, call 454-2135. ■



## Matching Grants Available from MIPS

The Maryland Industrial Partnerships (MIPS) program is now accepting applications from Maryland firms for matching grants. MIPS funds research projects jointly submitted by companies and University of Maryland faculty. The research must be in an area of advanced technology leading to commercialization of products or services. For the fall round, limited funds are available, and interested companies may initiate their applications this fall and then reapply in the spring of 1989 if necessary. Applications are due October 28. For more information about the MIPS program or to obtain an application, call x1935.

## "How Do I FAX A Document to London?"

Do you know how to get a van for your event? Do you know what PROFS means? You can get answers to these questions and many more during the Employee Development Seminar, "Overview of Administrative Computing, Communications, and Transportation" on October 19 from 9 a.m.-noon, room 0109 of the Center for Adult Education. This free 1/2-day seminar is designed to familiarize campus administrators and managers who utilize these types of services on a daily basis. Registration Deadline: Oct. 12. Call 454-4811 for more information.

## CLOSE UP

# "Goo Goo, Ga Ga"—The Benefits of Baby Talk

Baby talk. Miss Manners advises against it. Many parents have pledged never to do it.

Yet, whenever adults are face to face with a baby, they just can't seem to help themselves. They just seem to

In the Mayan culture, she adds, a person raises his/her voice to show respect, such as speaking with important elders.

But that isn't to say that the Quiche Mayans don't have their own form of motherese. Ratner says that



Nan Bernstein Ratner

naturally speak more slowly. The pitch of their voice rises, and they use short, direct sentences that concentrate and repeat particular words or ideas over and over again.

For example: a mother and child are playing on the floor. The child eyes a bright red block. A typical conversation might go like this: "Look! A BLOCK!"

The child grins. "Pretty red BLOCK!"

The baby gurgles approvingly. "Can you build things with the BLOCK?"

More gurgles and grins.

This unusual way of speaking, which some would call baby talk, is in fact what researchers refer to as "motherese," and it could very well be Mother Nature's way of helping babies learn to talk.

And anyone can speak it—from mother and father to grandparents to siblings to babysitters.

"It's found in some form or the other in all languages of the world," says Nan Bernstein Ratner, assistant professor in the department of Hearing and Speech Sciences at UMCP, who has been researching motherese for almost 10 years.

Motherese does differ from culture to culture, sometimes dramatically from English, says Ratner.

"For example, the Quiche Mayan in Guatemala don't talk funny or raise the pitch of their voice or talk syrupy the way Americans do," says Ratner, who with Clifton Pye of the University of Kansas, has studied that community's "baby talk."

Mayans encourage youngsters to repeat after them. Such behavior has also been observed in other language communities, such as the Kaluli of Papua New Guinea, as discovered by other researchers, says Ratner.

"For example, the family might be eating dinner, and the older child takes food away from the younger child," says Ratner. "The mother might say, 'Tell him, give me back my food!'"

Motherese with its high pitch, slow, clear pronunciation and repetitive styles, says Ratner, helps a baby or young child tune into what the adult is saying.

"It's very easy to identify," she says.

When adults talk to one another, says Ratner, they tend to speak quickly and in a garbled sort of way. Adults understand one another, she says, often by anticipating what will be said by the flow of the conversation or how certain words are used. But with babies or young children, adults tend to talk in "good, clear simple language," which is vital to the baby learning to speak.



"It's not as muddy," says Ratner of the speech adults use to babies. "It doesn't require the child to guess or already know particular words."

Those things are acquired later, says Ratner, as the child masters the art of speaking. Ratner adds that adults speak in much the same way to foreign-speaking individuals or those who have difficulty hearing.

Mothers, says Ratner, who has also studied differences between fathers and mothers' speech to children, appear to use a somewhat simpler form of motherese. Their sentences are likely to be somewhat shorter. They also they tend to repeat themselves more often, and they use simpler words. Fathers, on the other hand, sometimes use very difficult vocabulary when talking to very young babies.

"We had a father," says Ratner, "who kept trying to teach his two-year-old the difference between 'wild' and 'domesticated' animals and compass directions! The same child's mother just said, 'Look at the lion. He's big!' And she called the compass a watch, because she thought the child wouldn't understand what a compass was."

Both forms are important, says Ratner, in helping a child to learn new words and the rules of the language.

But, perhaps, most importantly, says Ratner, is the feedback that parents or anyone else speaking to a child offers.



"When parents show that they understand, the child learns that he or she has used the language correctly," says Ratner. "When parents look confused, children realize that they will have to try another approach. A child only learns from what is said to them. As they grow, they learn to figure out the rules for using language well."

Understanding motherese may also play an important role in helping those children with speech problems. Ratner says that two things enable a child to learn to talk—the human brain and the child's environment. The brain's functions cannot be controlled. A child's environment can, to some degree.

Some children with language problems are hard to understand, says Ratner. The parents may wind up talking less with the child, which lessens his or her opportunity to hear adult language. Other parents may find it difficult to judge how "easy" or "difficult" to make their motherese when speaking with language-disorder children. Some may say too little, other too much at too rapid a rate.

Parents can play not only an important role in helping a child learn to talk, but also in helping correct certain speech difficulties, such as stuttering. Ratner says that parents of young stutterers are often instructed to speak very slowly in an effort to help the child speak more fluently, a technique which does seem to work, according to Ratner's research.

By the time a child reaches the age of three, the days of motherese are usually over and youngsters are addressed in a more adult, if garbled, tone, says Ratner.

"But while the motherese was around, we like to think it was more than cute," says Ratner. "We like to think it was useful in helping the child learn to talk." ■

—Lisa Gregory





## Sadat to Speak on Reflections of First Lady

Jehan Sadat, the former first lady of Egypt, will be speaking on "The Sadat Years: Reflections of a First Lady" Oct. 18 at 4:15 p.m. in the LeFrak Lecture Hall, Room 2205. In January 1988 Sadat became a senior fellow at the Center for International Development and Conflict Management. Sadat was married to the president of Egypt until his death in 1981. A long-time activist in the social welfare arena, she has promoted rehabilitation programs for veterans and civilians wounded in

her country's Suez War of 1967 and has initiated programs to create special accommodations for Egypt's orphans. Sadat's involvement in women's rights issues goes back to the early 1970s when she called for greater participation of Egyptian women in public life. In 1975 she headed the Egyptian delegation to the International Women's Conference in Mexico City, and the following year she pushed through a new civil rights law in the Egyptian Parliament that gave more rights to women and more security to the family.

## COLLEGE PARK PEOPLE

# Neal Ensures That Life Stays in Order in Communication Arts And Theatre

When **Charlotte Neal** starts a project in the morning, she doesn't count on finishing it by the end of day.

Not with the demands on her time and ingenuity that stream into her office almost constantly after starting time. Neal, office supervisor III in the Dept. of Communication Arts and Theatre, acts as something of a den mother for the students and faculty members in her department.

"Oh, gosh, I do everything," Neal says. "People get locked out of their offices, and I'm the one who finds a key for them. The elevator breaks down, and I'm the one who knows how to get it fixed."

"I'm the parking and key coordinator. I help new people — faculty and staff — get acquainted with the campus. Faculty members might want to know what the students are like and what the students expect. I help new faculty and students find places to live."

"I have a lot of contact with the students. I help them make sure they've got all their (administrative) paperwork in."

Aside from such goodwill work, Neal is the top administrative aide in the department. She works for chair Patti Gillespie and supervises three other administrative workers and five students.

Neal came to the College Park campus in 1971 as a clerk/typist in the astronomy department and worked for many years in the Intensive Educational Development Office before moving to her current position in communication arts and theatre in 1985. One particularly appealing quality of campus life has struck her in each job.

"I like dealing with people, that's a great thing about this campus. It's a good place for a people person," she says.

Her move to her current assignment has given her an opportunity to explore a new part of campus life. Since joining the communication arts and theatre department, she has attended most of the University Theatre productions.

"This is a unique and interesting department. I enjoy seeing what goes into the shows — designing the sets,



Charlotte Neal

creating the costumes. I also like watching the students grow in their work and go on to perform in major productions or to direct shows of their own," Neal says.

Beyond her work in the department, Neal is using her 17 years of experience at College Park in a campus-wide leadership role. She serves as one of two classified staff representatives on the Black Faculty/Staff Association's executive board.

"We want to ensure that everything is equal," Neal says. "The university has come a long way already. When I started here, there were very few blacks on campus. I was the only black person in the Astronomy Building when I came in 1971."

Off campus, Neal lives in Landover,

which she likes partly for its relatively painless commute to school. She has two grown children Jeritza, a 1975 UMCP graduate in special education, and Fred, an electrical engineer. Jeritza has provided two grandchildren, Dante and Mikiela.

Neal loves to sew and crochet, making nearly all her own clothes. Her sport is bowling, participating in leagues and holding a high score of 210.

But her main occupation remains making life go a little more smoothly for the people of communication arts and theatre.

"Not a week goes by that we don't have to handle some kind of crisis," she says. ■

—Brian Busek

## More from Berwyn Heights

As we suspected, we've not heard the last of the Berwyn Heights connection.

**Francis DiCarlo**, secretary in the Dept. of Philosophy, lives in the community. She has been with the University 24 years. So does **Ernest J. Knouse**, supervisory engineering technician in the Dept. of Physics and Astronomy and **Charles F. Smarsh**, a laboratory technician in the same department, and zoology professor **Gerald Borgia** and **Shirley Sorensen** of the mathematics department.

So too do **Shirley Hanes** of the

mathematics department and **Betty Francis** who recently retired after 30 years with the athletic department.

And from **Midgie Haerer**, secretary to Dean Robert Dorfman of the College of Computer, Mathematical and Physical Sciences, comes the following:

"Have I got a story for you regarding a Berwyn Heights connection. My brother-in-law, John Walker, was born and raised in Berwyn Heights. When he married my sister, he bought a house directly across from the one he was raised in. He and my sister lived on Quebec Street. When I

got married, I moved into the house next door.

"My brother-in-law was a volunteer fireman in the Berwyn Heights Volunteer Fire Department, and through him my two other sisters and I met our future husbands who lived with their families on Ruatan Street, the next street over. Their family names are: Haerer, Hanlon and O'Dea.

"One sister, **Alice Joy O'Dea**, is a word processor in the Dept. of Textiles and Consumer Economics. Her daughter **Dawn** works for Physical Plant and her other daughter **Colleen**

is a student at UMCP.

And my sister-in-law, **Linda Haerer Scovitch**, administrative aide to the Vice President for Student Affairs, married Leon Scovitch who also lived on Ruatan Street. It gets real crazy — all the people living in the same two blocks.

"My husband and I lived in Berwyn Heights until ten years ago and then we moved to Calvert County. The Scovitch and O'Dea families are still there. At one time I had three sisters living around me and my in-laws living behind me."

## Longtimers at College Park

Last week's *Outlook* carried stories about **John Trembly** and **Milt Shapiro**, two UMCP employees who between them have given more than 50 years of service to the campus.

We got to thinking about longevity and service and discovered some other long-time College Park people.

**Bill Seksciencski** has been assistant director at the Wind Tunnel since 1982. But he's worked there since earning his B.S. degree in aeronautical engineering from the College of Engineering in 1955. That's 33 years.

**Victor G. Rinker**, supervisory engineering technician, runs the machine shop for the Dept. of Electrical Engineering. He was with the department when Seksciencski was still a student and this year marks his 41st at UMCP. Rinker's three sons all graduated from College Park — one in engineering, one in business and one in computer science. Like Shapiro and Trembly, Rinker learned his trade with the Navy. Before joining UMCP, he worked at the old Torpedo Factory in Alexandria, Va.

Others who are seasoned veterans on the campus include **Alice Patricia Moreland**, administrative specialist and business manager at the Counseling Center. She has worked at UMCP for 27 years, 26 of them as secretary to the recently retired Director of the Counseling Center Thomas Magoon.

**Thelma L. deCheubel** has been with UMCP for 25 years. She currently serves as secretary to two professors in the Dept. of Agricultural Engineering. **Dottie Bozman** works

as a supervisor in the Catalog Management Department at McKeldin Library. She has been with the College Park Libraries for 24 years.

**Eunice Burton**, secretary to the Director of the Astronomy Program Roger Bell, has worked on campus since 1966. She has been with the Astronomy Program since 1977.

*Outlook* is eager to learn of other campus employees whose years of service span at least two decades or more. ■





## Bikers Beware

Bicycles illegally chained to railings on access ramps may be impounded, according to Bill Patterson, new chairman of the President's Commission on Disabled Persons. Hang tags have been printed and will be placed on bicycles found to be blocking or otherwise obstructing access ramps for the disabled. The project, funded by the Office of the President, involves the Department of Environmental Safety, Disabled Student Services and the President's Commission on Disabled Persons. Patterson says the campus is looking toward adopting a more aggressive campaign of enforcing bike parking in the spring semester.

# Journalists Learning to Specialize: Knight Center Shows the Way

Two weeks after *The Providence Journal-Bulletin* reporter John Koztrzewa completed an intensive course on finance at the new Knight Center for Specialized Journalism at UMCP, he was digging back in his class notes to better understand a possible foreign takeover of a big Rhode Island bank.

About the same time in Baton Rouge, *Morning Advocate* financial editor Sonny Albarado was directing coverage of a major bank sale with knowledge gained from the same Knight Center course.

These two journalists were among 20 reporters and editors selected from 56 applicants for fellowships for the center's inaugural course in March. Those chosen came from newspapers ranging in size from *The Washington Post* to the *York (Pa.) Daily Record* and the *Missoulian* in Montana. A National Public Broadcast reporter and an Associated Press writer/editor also were in the class. Half of those selected happened to be women.

The next course, from October

19-28, will cover nuclear power and related subjects such as radiation, energy economics and issues facing public utilities. With some 110 reactors generating electricity in this country, the press needs to be a credible reporter and analyst of this industry.

Future courses under consideration include medicine and health, law and the courts, financial markets and biotechnology.

The center was launched last year at the College of Journalism with a three-year grant of \$850,000 from the Knight Foundation.

In proposing the center concept to the foundation, Reese Cleghorn, dean of the College of Journalism, said: "The increasing complexity of news coverage and the rising educational level of newspaper readers call for new levels of sophistication among journalists. The good generalist will always be needed. But an age of specialized journalism is at hand."

The College of Journalism has gained substantial experience with professional development programs for journalists. One of these, the Gannett

Foundation Editorial Seminar, is cosponsored by the National Conference of Editorial Writers. It brings editorial writers to campus each December for a three-day seminar on a timely issue.

In contrast, Knight Center courses are designed to give reporters, editors and editorial writers a thorough understanding of a subject's basic principles and processes. Editorial writers who have specializations, even part-time, in such fields as business, the sciences, and the law would find the course valuable.

The Knight Center approach takes longer than the Maryland-NCEW seminars. Koztrzewa's class, for example, spent two weeks studying finance. Among the subjects they covered were international and corporate finance, the Federal Reserve System, regulation, and interpretation of corporate and bank reports. Six hours were devoted just to economic and monetary theory. But the course also dealt with topics in the news such as sweeping changes in federal banking laws, farm credit problems

and the troubled savings and loan industry.

Besides a core faculty of UMCP finance and economics professors, the course enlisted lecturers from state and federal government, other universities and private business. "I was particularly impressed with the logical progression of discussion and speakers," said one of the Knight fellows, Marian Caprino, an Associated Press financial writer and editor in New York.

The Knight Center is guided by a National Advisory Board headed by Gene Roberts, executive editor and president of *The Philadelphia Inquirer*. Other members are senior newspaper, wire service, magazine and broadcasting executives.

Knight Center fellowships cover the academic program, meals and lodgings. The journalists' employers continue their salaries and cover their transportation to and from College Park. Howard Bray is the Center's director. ■

## Student AIDS Study Underway

The Campus Health Center, the UM School of Medicine (UMSM) and the National Institute of Allergy and Infectious Disease (NIAID) have recently embarked on a study of AIDS virus infection among college students.

This is the first large-scale HIV seropositivity study of a major United States university. HIV is the cause of AIDS.

Dr. Karen Kotloff, UMSM assistant professor of pediatrics and chief investigator on the project, and Dr. Carol Tackett, UMSM assistant professor of medicine and chief of AIDS vaccine studies, will lead the study of 6,000 volunteer undergraduate students on campus.

Data have not been collected on the prevalence of HIV infection among college students, Tackett says. "We don't expect to find a lot of AIDS virus infection. It's a brave step that researchers at the university are taking to confront the epidemic and to see if it is on our campus," she says.

Kotloff and Tackett say the study will ensure the confidentiality of the participants. Neither student names nor individual test results will be released.

Technicians and staff from the UM Center for Vaccine Development and NIAID will perform serological tests for antibodies to HIV and administer questionnaires to the volunteers.

The blood collection for the study began October 1, with the second and third week for intensive recruitment and data gathering efforts. The collection will continue through November. Students who are in-

terested in participating in the study should contact the Student Health Center at 454-4922. Kotloff says results will be given to study participants in December or January.

Dr. Maggie Bridwell, director of the Campus Health Center, will moderate a panel of speakers on AIDS, Wednesday Oct. 12, as part of AIDS Awareness Week, sponsored on campus by the Pre-Medical Society and the Gold Key National Honor Society.

The week begins today, Oct. 10, with the film, "AIDS: A Decision for Life," written by Robin Sawyer, director of the Health Education Office. The film will be shown in Hornbake Library, room 4205, beginning at 7 p.m.

Tuesday, an American Red Cross blood drive will be held in room 1160, Stamp Student Union, 11 a.m. to 4 p.m. to promote understanding that AIDS cannot be contracted from donating blood.

Wednesday's panel of speakers will include Gerald Buckner, a campus chaplain, Timothy M. Edgar, assistant professor, Department of Communication Arts and Theatre, and, Dr. Karen Kotloff, UMAB AIDS researcher. All have studied AIDS and are promoting AIDS awareness. The panel will answer questions from the audience. The program will be held 7 to 9 p.m. in Reckord Armory, room 0131.

Thursday, students will distribute AIDS pamphlets and Friday the societies will pass out condoms. Both distributions will be from 10 a.m. to 4 p.m. in front of the Stamp Student Union.

All programs are free and open to the public. ■

## Microbiology Professor Lectures in Asia

Frank Hetrick, professor, Fish Disease Unit, Dept. of Microbiology, taught an eight-day fish disease course July 30 to August 6 at the Ocean University in Qingdao, China. In August Hetrick also visited Fudan University, Shanghai, China; the Inland Fisheries Research Institute, Bangkok, where he presented research seminars; and Alexandria, Egypt, where he was a member of the Ph.D. thesis examination committee for a student working in the fish disease area.

## Fitness Club Membership Offered

"Lifeline Fitness Club," a self-service fitness program, is now open to UMCP faculty and staff through the Campus Recreation Services Office. The program is designed to help individuals set fitness goals, choose exercise activities, and receive points toward free T-shirts for exercising toward those goals. The program is free, and participants can register at the Campus Recreation Services Office, 1104 Armory, Monday through Friday, 8:30 a.m. to 6 p.m. or Friday 8:30 a.m. to 4:30 p.m.

## Bringing Home the Gold



Terrapins basketball player Vicky Bullett returned from Seoul with her Olympics gold medal September 30. Bullett, a UMCP senior, competed on the U.S. women's basketball team. The team defeated the Yugoslavian women for the gold medal September 29. Bullett, a Martinsburg, W.Va. native, was an All-ACC player last year and led the Terps to the ACC championship and NCAA tournament play. Women's basketball coach Chris Weller has produced four Olympians in her 14 years as coach at UMCP.

LARRY CROUSE